

Title (en)
SYSTEM AND METHOD FOR CONTROLLING CHARGING OF AN ELECTRIC ENERGY STORAGE SYSTEM OF AN ELECTRIC VEHICLE

Title (de)
SYSTEM UND VERFAHREN ZUM STEUERN DES LADENS EINES ELEKTRISCHEN ENERGIESPEICHERSYSTEMS EINES ELEKTROFAHRZEUGS

Title (fr)
SYSTÈME ET PROCÉDÉ POUR COMMANDER LA CHARGE D'UN SYSTÈME DE STOCKAGE D'ÉNERGIE ÉLECTRIQUE D'UN VÉHICULE ÉLECTRIQUE

Publication
EP 3663124 A1 20200610 (EN)

Application
EP 19188833 A 20190729

Priority

- US 201816214020 A 20181207
- US 201816214028 A 20181207

Abstract (en)
A system and method of operating a system for controlling charging of a battery of a user's electric vehicle from a power source is based upon intervening in a controlled manner between the power source and the electric vehicle and dynamically controlling a level for charging of the vehicle's electric energy storage system. The level potentially being different from a maximum available charging power from the power source. The controlled intervention occurs in accordance with a charging schedule determined by the server and transmitted by the server to the charging cable. The charging cable then operates according to the charging schedule resulting in a corresponding controlled charging of the vehicle's electric energy storage system.

IPC 8 full level
B60L 53/60 (2019.01)

CPC (source: EP)
B60L 53/18 (2019.01); **B60L 53/60** (2019.01); **Y02T 10/70** (2013.01); **Y02T 10/7072** (2013.01); **Y02T 90/12** (2013.01); **Y02T 90/14** (2013.01); **Y02T 90/16** (2013.01); **Y02T 90/167** (2013.01); **Y04S 30/12** (2013.01)

Citation (applicant)

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- US 2018001776 A1 20180104 - KIM JI HOWN [KR], et al
- KR 101197552 B1 20121109
- CN 205160153 U 20160413 - HUBEI ZHIXUAN SCI-TECH CO LTD
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Citation (search report)

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- [A] US 2018009325 A1 20180111 - JANG JIN SU [KR], et al
- [Y] JP 2012135111 A 20120712 - DENSO CORP
- [A] DE 102016220783 A1 20180426 - BAYERISCHE MOTOREN WERKE AG [DE]

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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DOCDB simple family (application)
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